

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

REGULATORY CONTACT RECORD

Date/Time: November 5, 2003/ 11:00 a.m.

Site Contact(s): Chris Gilbreath, Sarah Roberts
Phone: 303-966-7355

Regulatory Contact: Denise Onyskiw
Phone: 303-692-3371

Agency: CDPHE

Purpose of Contact: Demolition of Rooms 220/320, B774

Discussion

As part of the consultative process, the demolition of Rooms 220 and 320 of B774 was discussed with CDPHE. The exterior of the south wall of Room 220 is common to the underground radioactive waste storage tanks that were remediated in October of this year. This wall is contaminated up to 17,000 dpm/100 cm² fixed alpha activity. Because hydrolazing this wall could introduce additional radioactive contamination into the surrounding soil, Room 220 will be demolished and dispositioned as radioactive waste. Room 320, which is located directly above Room 220 and FP-203 (located in Room 320) will also be demolished and dispositioned as radioactive waste.

The following controls shall be implemented prior to demolition:

- 1) A fixative (ABC, firedam, etc.) will be applied to the interior surfaces and to the contaminated portion of the exterior surfaces of Rooms 220 and 320, and any adjacent surfaces potentially disturbed by demolition.
- 2) Biased beryllium smears will be conducted to assure levels are < 0.1 µg/100 cm² (for area to be demolished and any adjacent surfaces potentially disturbed by demolition).
- 3) Dust suppression will be utilized during demolition.
- 4) A fixative will be applied to the demolition debris on a daily basis.
- 5) Utilize job-coverage air sampling during demolition to assure levels do not exceed 0.1 DAC.
- 6) If 0.1 DAC is exceeded, DAC-hour tracking shall be performed for potentially exposed individuals.
- 7) If 0.1 DAC is exceeded, or if the spread of contamination is indicated per in-process surveys, additional fixative shall be applied to the debris.
- 8) Dispose of generated waste as radioactive (LSA or SCO).

Contact Record 4/10/00
Rev. 9/3/02



Ms. Onyskiw agreed with this approach.

Contact Record Prepared By: Chris Gilbreath

Required Distribution:

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